

## Fiscal Years 95-99 Five Year Plan Assumptions

During Fiscal Year (FY) 93, initial site assessment consisted of implementation of the non-intrusive activities of the Phase I RFI/RI Work Plan. This included surficial soil sampling, real-time soil gas surveys and radiological surveys. During FY94, it is anticipated that the initial non-intrusive site assessment for OU 12 will be completed. Completion of these activities will culminate with the summary of the non-intrusive activities and development of the intrusive field sampling plan for the next phase of the assessment into a technical memorandum (TM). This TM is planned to be completed during the second quarter of FY95. According to the current FY95-99 Five Year Plan there is no money allocated to OU 12 during FY95 and FY96.

### TECHNICAL

1. It is assumed that under building contaminated areas will not be investigated as part of OU 12.
2. It is assumed that any temporary equipment within the investigative area of an IHSS will not limit access and will be removed. Removal costs are not the responsibility of ER budgets, and therefore, not included.
3. It is assumed that "cold" (non-radioactive) laboratory sample turnaround time will be 75 days and that "hot" (radioactive) sample turnaround time will be 90 days.
4. It is assumed that the time required for storage and screening of samples prior to shipment to labs for analysis will not exceed 5 working days.
5. It is assumed that underground utilities will not significantly affect intrusive activities.
6. It is assumed that the average laboratory cost of sample analysis will not increase during FY94.
7. *Initial unvalidated results will be used for the draft writing of technical memorandum and reports.*
8. It is assumed that radiation surveys will be performed by EG&G's HPGe (High Purity Germanium) detector team which consists of two technicians and one specialist with two subcontractor technicians support if required.
9. It is assumed that one HPGe tripod unit will yield a daily estimated rate of six stations per day. The truck mounted HPGe will yield a daily estimated rate of two stations per day.

10. OUs requiring Sodium Iodide (NaI) detectors: a rate of 50 stations per day for IHSSs that are large (greater than 100 ft by 100 ft), accessible without security restrictions (e.g. along roads, ditches). A rate of 25 stations per day is used for IHSSs smaller than 100 ft by 100 ft and are located in security areas, e.g. the Protected Area (PA).
11. It is assumed that the Environmental Evaluation (EE) fieldwork, initial surveys and EE report are independent of one another. The EE fieldwork will be integrated and occur with the Integrated OUs. One EE will be conducted for the entire Industrial Area.
12. It is assumed that the T&E Survey for Spiranthes and Prebles Meadow Jumping Mouse within the industrial area are not likely to affect the field activities for the integrated OUs.
13. It is assumed that surface soil sampling will be performed by a subcontractor. The estimated rate for surface soil sampling is four samples per day.
14. Vertical profile samples are to support the HPGe survey interpretation and will be collected concurrently with the Radiation Survey task.
15. Ceratin radioactive elements are transparent to HPGe and NaI surveys (i.e. Tritium). It is assumed that these analytes will be included as an additional analyte within surface soil samples.
16. It is assumed that a rate of six soil gas samples per day can be collected and analyzed for the soil gas task durations.
17. Survey location/grid layout/utility location times are built into each task that will require survey grids for sampling, radiation surveys, utility clearance, etc.

#### SCHEDULE

1. It is assumed that field activities will be integrated among OUs 8, 9, 10, 12, 13 and 14 with one contract being awarded.
2. It is assumed that Procurement Tasks among the integrated OUs will be combined and awarded to a single subcontractor where applicable.
3. It is assumed that the Statement of Work and the procurement process for any contract is per the MTS contracting guidelines and costs.
4. It is assumed that the subcontractor will provide adequate security cleared personnel to escort data compilation and field crews during performance of contract.
5. It is assumed that fieldwork following the EE surveys will be performed by a subcontractor, and report development will be performed internally by EG&G.

6. It is assumed that any supporting NEPA documentation (i.e., Categorical Exclusions) will be granted within 90 days of requested initiation and will not delay field activities.
7. It is assumed that EG&G RPM FY93 Staffing Plan requirements will be met prior to FY94 and/or staffing requirements will not affect scheduling for OU 12.
8. Schedules were developed assuming work would be performed at eight hours per day. However, previous experience has shown that a 10-hour day is common for field activities for logistical considerations. However, overtime requirements by the subcontractor may increase project costs. Currently, authorization for subcontractor overtime is evaluated on a case-by-case basis.
9. It is assumed that the current levels of documentation required by internal and external entities and organizations will not change significantly and will support project accomplishments. The following is a list of all required documentation:
  - ER Weekly Reports
  - Monthly Variance/Cost Analysis Reports
  - Monthly ER Progress Reports
  - Progress Tracking Reports
  - Activity Data Sheet (ADS) Reports
10. All external deliverable documents will be distributed as follows:
  - Six copies to DOE/RFO for internal use and distribution
  - Two copies to CDH
  - Two copies to EPA
  - Four copies to NRDA Trustees
  - Two copies to ERM Library (Administrative Record)
  - Three copies to EG&G for internal use
11. One full-time equivalent (FTE) is 1750 hours.
12. Data validation subcontracting dollars is not included. It is assumed that data validation will be covered by the Sample Management Organization.
13. It is assumed that QA will be covered at 0.2 of an FTE for OU 12 support.
14. Fire department and emergency response support is not included. It is assumed that these will be covered by Facilities Operations Management.
15. It is assumed that overtime premiums will be directly charged to specific projects during FY94.

16. Additional assumptions apply for the guidance memo received from EG&G Management at the Budget Call meeting on April 28, 1993. Memo was signed by R. L. Benedetti.
17. Additional assumptions apply from the Program Guidance Summary (MCS1-1) received on May 19, 1993 from Bruce Pett for R. L. Benedetti.
18. It is assumed that the intrusive investigation of OU 12 will be linked to Decontamination and Decommissioning/Transition efforts at the Rocky Flats Plant.

#### COST

1. It is assumed that CDH and EPA comment periods for TMs will not exceed 10 working days from the document's submittal date.
2. It is assumed that CDH and EPA comments on TMs will be resolved within five working days of official receipt.
3. It is assumed that DOE/RFO official review of the finalized TM will take 10 working days and that transmittal of TMs to the regulatory agencies by DOE/RFO will not exceed three working days.
4. It is assumed that TMs will be approved by CDH and EPA within five working days of their receipt of the finalized document.
5. Penalties and fines incurred because of missed legally-enforceable milestones are not included.
6. It is assumed that Potential Areas of Concern (PACs) and Potential Incidents of Concern (PICs) identified by EPA and CDH will not be investigated as part of OU 12 until a Technical Memorandum can be developed to amend the existing Phase I RFI/RI Work Plan.